
NICOTINE & CANNABIS POLICY CENTER

COVID-19, TOBACCO & VAPING: Insights from Researchers in California's San Joaquin Valley



Community Engagement at the Intersection of Smoking, Vaping, and COVID-19

Norval Hickman, MPH, PhD



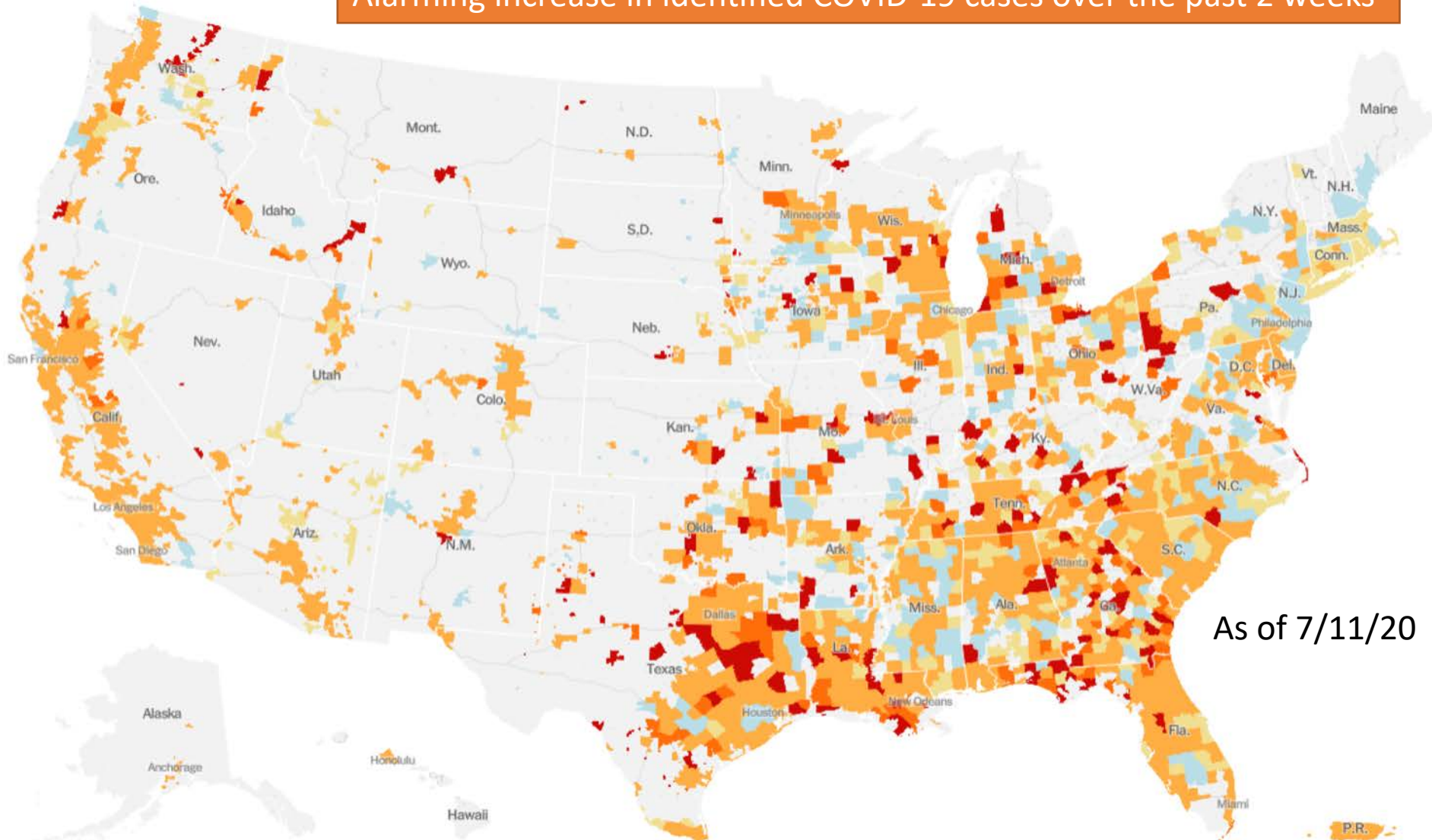
Brought to you in partnership with the American Heart Association



Hot spots in the United States



Alarming increase in identified COVID-19 cases over the past 2 weeks



COVID-19 Statewide Update July 11th

Total Diagnostic Tests: 5,275,695

312,344

Positive Cases

+8,047 New Cases

+2.6% Increase



6,945

Total Deaths

+94 New Deaths

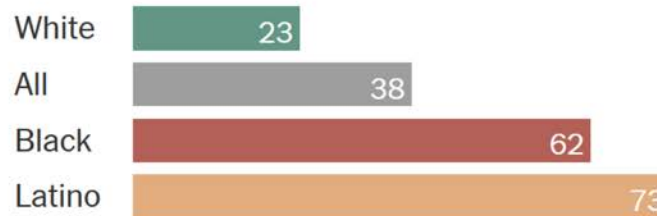
+1.4% Increase



Nationwide Disparities in COVID-19

The New York Times

Coronavirus cases per 10,000 people



The Fullest Look Yet at the Racial Inequity of Coronavirus

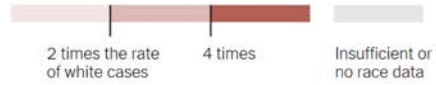
By [Richard A. Oppel Jr.](#), [Robert Gebeloff](#), [K.K. Rebecca Lai](#), [Will Wright](#) and [Mitch Smith](#) July 5, 2020

May 28th data from the CDC

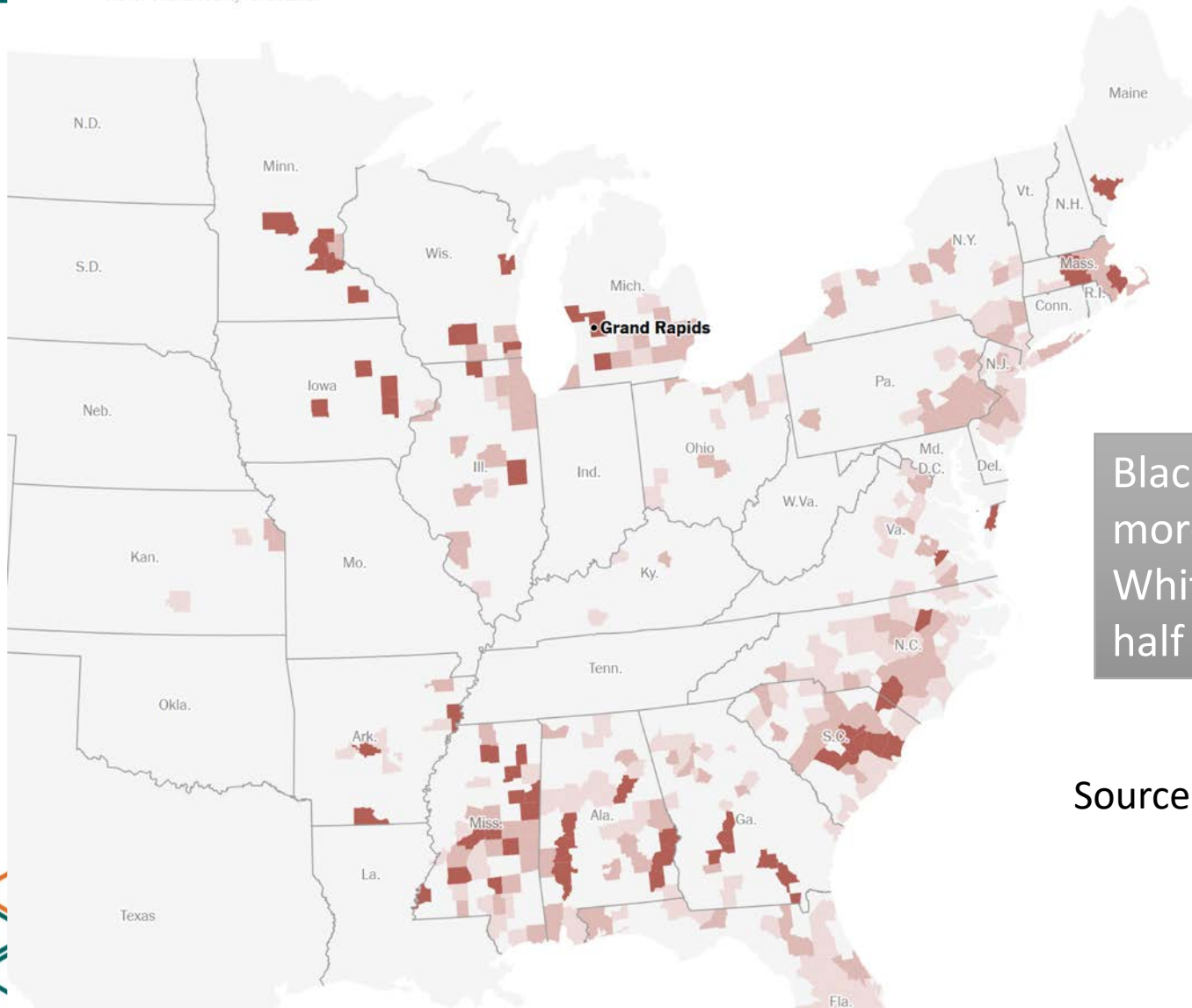


Coronavirus cases per 10,000

Black residents



Double click to zoom into the map.
Hover over a county for details.



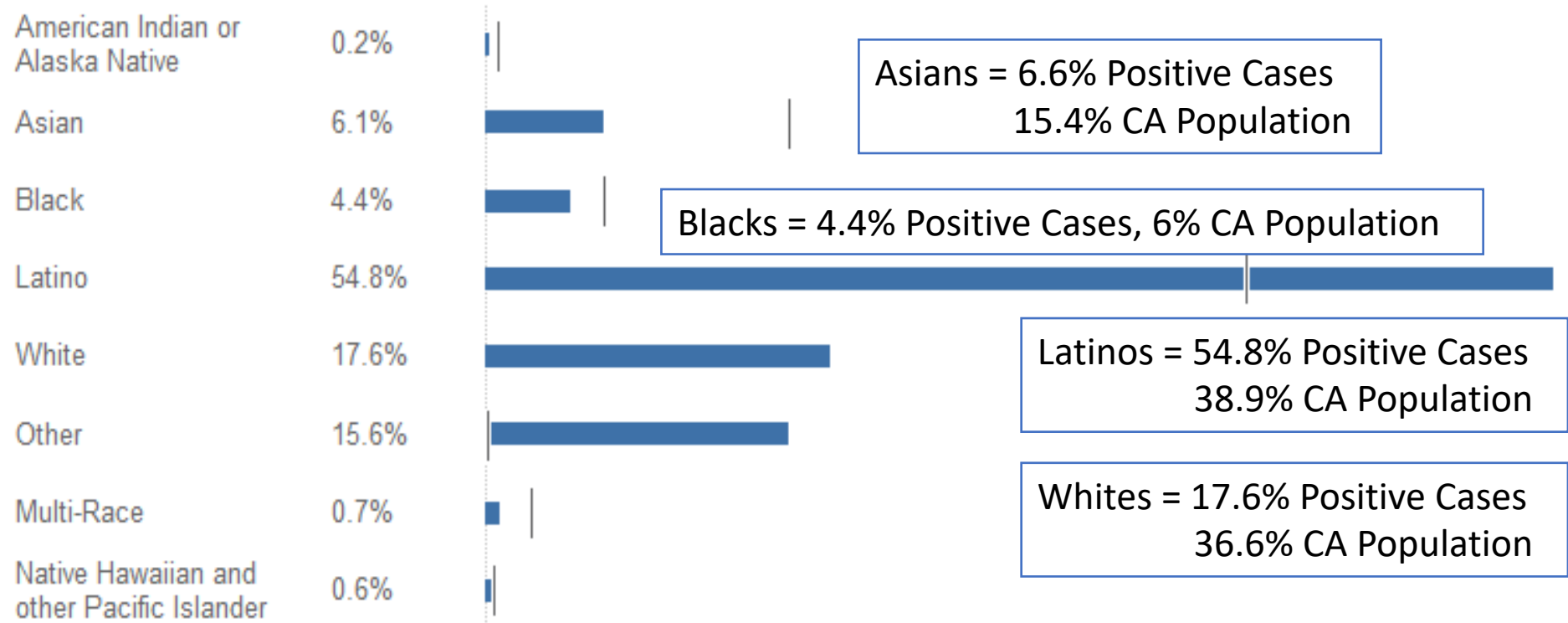
Blacks: 2-4x times more cases than Whites, eastern half of US

Source: CDC May 28th data



California COVID-19 Cases x Race/Ethnicity

Positive Cases by Race/Ethnicity

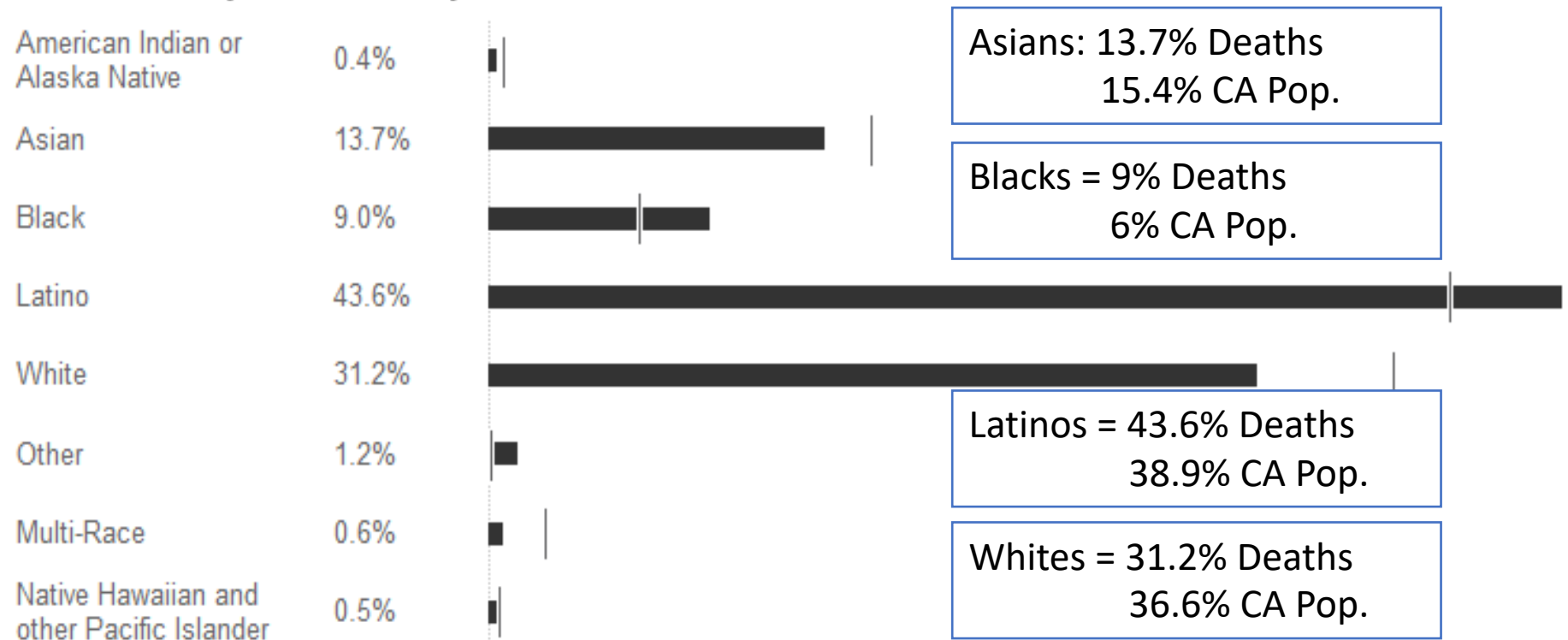


California Dept. of Public Health Statewide Update: July 11, 2020



CA COVID-19 Deaths x Race/Ethnicity

Total Deaths by Race/Ethnicity



CA Dept of Public Health Statewide Update: July 11, 2020



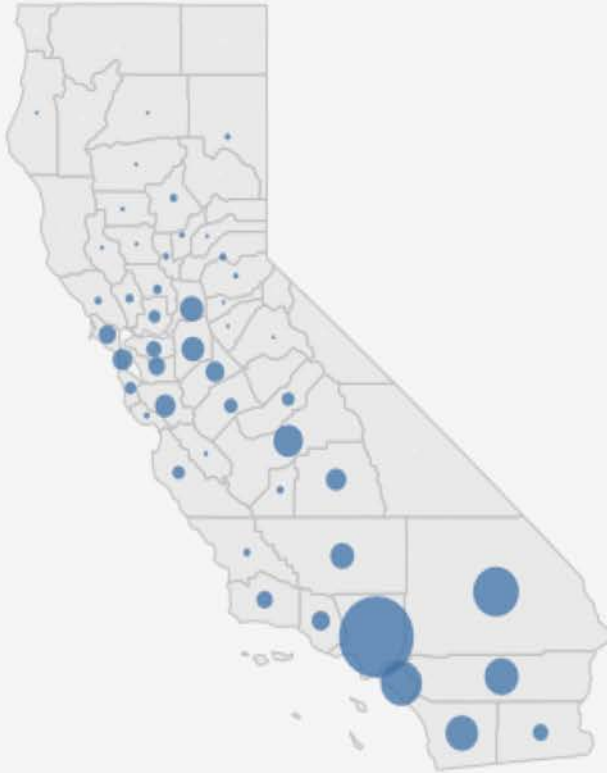
Concerning Increase in Incidence Rate Includes Central Valley Counties

Positive
Cases

New
Cases

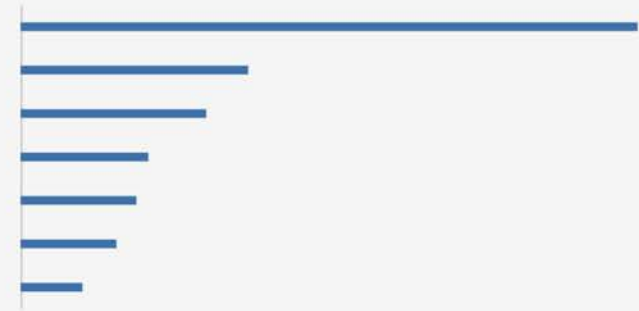
Total
Deaths

New
Deaths



New Cases by County

Los Angeles	2,441
San Bernardino	903
Orange	732
Riverside	501
San Diego	458
Fresno	375
Kern	244



+ Show All

Factors that Increase Risk for COVID-19

- Older Age
- Diabetes
- Obesity
- COPD, asthma, and other chronic respiratory conditions
- Poverty and associated stress factors
- Immigration status
- Lower access to quality, non-discriminatory healthcare/testing
- Multi-generational households
 - Reduces capacity for social distancing
- Essential worker
 - Income needed for survival, societal needs for critical services



Smoke, Vape & Respiratory System

- Tobacco smoke:

- 70 cancer-causing chemicals
- Affects nearly every organ in body
- Secondhand smoke impacts others



- Inflammation, cell damage

- Reduced lung function and breathlessness

- Narrows airways

- Excess mucus

- Respiratory irritation and illnesses

- E-cigs/Vapes:

- Fine/Ultrafine particles
- Cancer-causing chemicals
- Heavy metals



Community Engagement Tips

- Recognize historical oppression and environmental context
- Grow your ideas from community concerns and interests
- Learn how to frame issues and communication according to the community's values
- Share power and decision-making authority
- Identify and build from community assets
- Ensure community has resources to engage in intended behaviors, be ready to provide resources, or link with resource navigators





 TOBACCO-RELATED DISEASE
RESEARCH PROGRAM

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Transforming Tobacco Taxes Into Cutting Edge Research



Brought to you in
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Association

